

2020 Annual Energy Conservation Plan

State Government Energy Committee Meeting
January 8th, 2021

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NH Department Of Administrative Services

2020 Energy Conservation Plan

Summary of Completed Projects

14 of 16 Departments submitted energy conservation plans that calculate energy savings for **64 completed** energy efficiency projects*.

Total cost: **\$8.6 million**

Energy cost savings: **\$700,000** annually

Simple payback: **12.2** years



2020 Energy Conservation Plan

Summary of Efficiency Funding

\$0 in capital funds to SEM office for energy efficiency projects for the fiscal biennium 2020/2021.

\$130K Federal grant through OSI

19 projects across 13 agencies

- Estimated **\$31,000** annual avoided energy costs
- **4.2** year Return On Investment
- **\$465K** in lifetime avoided energy costs



2020 Energy Conservation Plan

Summary of ESPC

In FY 2020, two Energy Saving Performance Contracts (ESPC) underway.

- Concord/State Office Park South: Twenty-eight (28) buildings located in downtown. (M&V phase)
- Seacoast region: 21 buildings, 5 Agencies (construction phase)



2020 Energy Conservation Plan

Summary of Agency Priorities

Top priority EE projects for agencies:

- Replace HVAC systems and controls
- Upgrade lighting to LED (interior and exterior lighting)
- Replace windows/doors
- Solar P.V. systems
- Circulation pump upgrades
- Building envelope (air sealing/insulation)



Estimated cost for prioritized measures: \$21M

Return on investment: 8.3 years

Questions?